

**1.) Description**

The conversion kit is designed to improve the performance of the MicroVent device in the CPAP/ASB operating mode.

Under conditions such as low breathing resistance (mask ventilation), low supply pressure and forced inhalation, ASB pressures in excess of the set value can occur when using MicroVent in the breathing support mode.

Two conversion kits were designed to reduce this effect.

**1) Inspiratory port conversion kit 84 13 122**

This conversion kit more or less eliminates the above effect.

**2) MicroVent spontaneous breathing conversion kit 84 13 258.**

This conversion kit involves modification of the pneumatics and software replacement.

This conversion limits the pressure during the CPAP/ASB operating mode independently of the Pmax setting. The Pmax knob remains functional.

- a) The pressure during CPAP/ASB is limited to 35mbar via software 1.05.
- b) By modifying the pneumatics excessive pressure via the opening expiratory valve is avoided (at ASB-pressure of +10mbar).

For additional information see Service Instruction 01/96 No.2

**2.) Conversion**

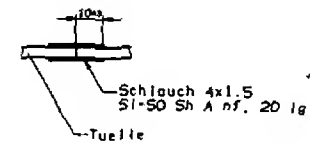
- Open device and pull out slide-in unit
- Replace Eprom (software 1.05)
- Fit dosages and non-return valves in accordance with enclosed hose diagram.
- Reassemble device
- Replace inspiratory port 84 12 498 with 84 13 119 (shiny), if this has not already been done (inspiratory port conversion kit 84 13 122).

**3.) Test**

- Test in accordance with MicroVent test certificate
- Complete the reply form and return to Drägerwerk Lübeck.

- 1 P\_Versorgung
- 2 nicht belegt
- 3 P\_LA

Einzelteil Z



Gaseingang

- rot/orange: Flowmessung
- blau : Paw-Messung
- braun : Steuerleitung LA
- gelb : ASB Steuerung

140mm Flow am Exsp. Ausgang  
12x4L/min.

- Widerstand erhoehen  
so dass (bei PEEP 0)  
der Basisflow 10-15 L/min betraegt.

- 4x2.5 SI nf
- 4x1 PAE nf
- 2.7x0.65 PAE nf
- 2x1 SI nf, br, or, bl, gn, ge, nf
- 4x1.5 SI-SO Sh A nf

neu(neu)

Bestell-Nr.		00		Geh. (auftrag) an 12.12.77	
Hersteller		MB		Dräger	
Material-Nr.		R413256		Blatt 2 von 2 Bl.	
Menge		1		Dräger	

# Return acknowledgement 8413257 modification of MicroVent

Drägerwerk AG  
Cost id. 6912 / Dep. MT-DS-TS  
Attn. Mr. Lutz Bormann  
Moislinger Allee 53/55  
D-23542 Lübeck  
Germany

Alternative fax number: +451-882-4111

Herewith I confirm the proper installation of the  
modification kit 8413258 according to IDM 01/96 Nr. 2 in the following unit.

Description : MicroVent

Part-No. : 8412600 ☐

8413200 ☐

Serial-No. :  -

Serial-No. of  
new software :  -

Station of the unit:

*country :*

*hospital :*

*name of technician :*

*division / trader :*

*date :*

*signature :*